Hexnode Apple TV Management Solution

Leveraging the potential of Apple TV for businesses

Key Takeaways

- Instantly roll out Apple TVs in bulk without any hands-on approach.
- Remotely manage, monitor and secure apps, devices, data and networks from a centralized admin console.
- Block unauthorized streaming to Apple TV via AirPlay by setting up an AirPlay password or by restricting devices from different networks to connect to the Apple TV.
- Seamlessly configure Wi-Fi settings.
- Set up Global HTTP Proxy to protect your devices from security threats and external attacks.
- Manage certificates that contain digital data for various purposes within the devices.
- Deploy custom configuration profiles to customize any enterprise-specific settings.
- Streamline tvOS updates without disrupting business productivity.
- Lock down tvOS devices to a single enterprise, store or VPP application.

Hexnode UEM is an award-winning endpoint management solution that helps businesses effectually set up, manage, and secure every device. It optimizes enterprise workflows, cuts down operational costs, and improves business productivity with its extensive management capabilities. Hexnode UEM offers all the management features to configure and manage Apple TVs running tvOS version 6.0 and later.

Apple TVs are ideal for streaming online content, digital signages, lobby displays, and whatnot. They provide an effective alternative to costly projectors and adapters. An Apple TV is also an inexpensive presentation tool that allows wireless streaming of live content from Mac computers or iOS devices via the AirPlay functionality.

Why Apple TV management?

Apple TV is proving its worth in the enterprise with its use cases such as conference/convention centres, classrooms, digital signage, hospitality and healthcare applications, etc. However, as more and more Apple TVs enter the enterprise market, manually setting up each device consumes hours of IT time. Having an excellent UEM solution in place lets you manage the influx of Apple TVs in the education and business fields. With Hexnode UEM, you can configure and automate device enrollment while streamlining the initial configurations.

Managing Apple TVs with Hexnode UEM

Hexnode's Apple TV management solution allows businesses to unlock several device management capabilities for Apple TV. The devices can be enrolled via Apple Business Manager (ABM) or Apple Configurator. Device provisioning via ABM ensures an automated setup where no end-user interaction is required to enroll Apple TVs. You can define various policies to push UEM configurations automatically to the enrolled devices. It includes setting up Apple TV for conference room display mode, streaming content to Apple TV via AirPlay, configuring Wi-Fi, deploying enterprise apps, locking down Apple TVs to a single application, executing remote commands to wipe and restart Apple TV, and so on. From facilitating seamless AirPlay presentations to managing digital signages, Hexnode offers a centralized Apple TV management experience for all businesses.

Features of Hexnode Apple TV management

Managing devices

- Integrating your Apple Business Manager/Apple School Manager account with Hexnode UEM implements hands-free deployment of tvOS devices.

- Defining custom configurations for devices that enroll via ABM and suppressing the number of screens in the Setup Assistant making the device ready to use out-of-the-box.

- Mass pairing iOS or macOS devices with Apple TV using the enhanced AirPlay permissions allows users to seamlessly connect to their specific displays.

- Automatically reenrolling and receiving configurations after a device wipe or reset without any hands-on efforts.

- Pushing the specific configurations to the tvOS devices right away from the centralized admin console.

- Instantly mirroring the screen of an iPhone, iPad or Mac using your Apple TV as a conference room display without the need for any additional software.

- Tracking device information and history of management actions on individual devices.

- Viewing enrollment status, enrolled date, last reported time, device model, serial number, OS version, memory available, network information and more.

- Pushing custom configuration profiles to define any additional enterprise-specific settings, such as email settings, credentials and keys, device restrictions, and whatnot.

Managing applications

- Implementing bulk distribution of enterprise and VPP apps seamlessly over-the-air.

- Leveraging the capabilities of VPP to purchase apps in bulk, install apps silently without mandating Apple ID, revoke and assign apps to other devices, and so on.

- Configuring your Apple TV for digital signages, classrooms, and wayfinding kiosks by locking down your supervised Apple TV devices to single app mode.

- Enforcing restrictions on your tvOS device settings such as VoiceOver, Invert Colors, Zoom adjustments, touch, Auto-Lock, and more.

Managing security

- Updating Apple TVs to the latest OS versions remotely.

- Enabling enterprises to remotely wipe or reboot an Apple TV or a group of Apple TV devices from the centralized console.

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management/

Knowledge base

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- Preventing untrusted devices from accessing the networks as well as ensuring secure access to services such as Wi-Fi, Email, VPN through digital certificates.

- Deploying certificates from the certificate authority to the managed devices via SCEP, a protocol standard used for certificate management.

- Configuring a global HTTP proxy to route all the HTTP traffic of your managed devices through a proxy server.

- Setting up Wi-Fi profiles over-the-air to automatically establish the connection between the devices and the Wi-Fi networks without prompting for a password.

Setting up tvOS kiosks

- Allowing you to restrict supervised tvOS devices to a single enterprise, store or VPP application to deliver a completely customized full-screen experience.

- Enabling users to get an application automatically launched on their devices.

- Disabling users to exit the kiosk lockdown mode on their own.